

METHOD AND APPARATUS TO EMULATE AN EXECUTION ENVIRONMENT

Abstract of the Disclosure

5 A method and apparatus include a real-time kernel (223) provides an emulated subset of WIN32 execution environment services (219). The real-time kernel initializes computer hardware (222) and software. Executable (206) is loaded into memory (214), and memory is allocated to executable, where the executable is programmed to execute in a WIN32 execution environment (116). The real-time kernel (223) permits execution of
10 the executable in an emulated WIN32 execution environment (215), where the emulated WIN32 execution environment (215) utilizes the emulated subset of WIN32 execution environment services (219). The executable (206) operates real-time in the emulated WIN32 execution environment (215).